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KUBOTA et al.FILING DATE
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(Use several sheets if necessary)

10/062487
997 U 62487
10/062487
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Xmd	5,443,751	1995-08-22	Mazzola	510	349	
	5,024,778 A	1991-06-18	Grecsek	510	452	
	5,080,820 A	1992-01-14	Grecsek	510	562	
	6,284,722 B1	2001-09-04	Yamaguchi et al.	510	357	
	2,364,767	1944-12-12	Zizinia et al.	510	455	
	2,874,123	1959-02-17	Schaafsma et al.	510	455	
	3,177,147	1965-04-06	Dugan	510	455	
	3,423,321	1969-01-21	Shaver	510	455	
	3,454,499	1969-07-08	Meyer et al.	510	455	
	3,549,541	1970-12-22	Reinish	510	455	
	3,562,171	1971-02-09	Guida	510	455	
	3,579,299	1971-05-18	Sams et al.	510	455	
	3,674,700	1972-07-04	Gaiser	510	298	
	3,887,614	1975-06-03	Susuki et al.	510	455	
	3,926,827	1975-12-16	Mangeli	510	455	
	4,126,561	1978-11-21	Barker	510	519	
	4,406,808	1983-09-27	Gangwisch et al.	510	323	
	4,988,454	1991-01-29	Eertink et al.	510	443	
Y	5,139,693	1992-08-18	Wilms et al.	510	438	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
						YES NO
Xmd	9013097	1997-01-14	JAPAN	—	—	Abs
	WO 97/33970 A1	1997-09-18	PCT	—	—	
	JP 3504734	1991-10-17	JAPAN	—	—	Abs
	JPA 873888	1996-03-19	JAPAN	—	—	Abs
	JPA 5247497	1993-09-24	JAPAN	—	—	Abs
	JPA 9194878	1997-07-29	JAPAN	—	—	Abs
	JPA 5209200	1993-08-20	JAPAN	—	—	Abs
Y	JPA 5125400	1993-05-21	JAPAN	—	—	Abs

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

Dawn M. Dwyer

DATE CONSIDERED

6-11-03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.